

**R E M A R K S**

Reconsideration of this application, as amended, is respectfully requested.

**THE CLAIMS**

Non-elected claims 1, 2, and 11-35 have been canceled, without prejudice.

In addition, independent claim 3 has been amended to incorporate the subject matter of claim 4, which has been canceled, and claim 3 has also been amended to recite that the upstream side guide face is arcuate. See, for example, Fig. 8 and paragraph [0289] of the publication of the present application.

Still further, the claims have been amended to make some minor grammatical improvements and to correct some minor antecedent basis problems so as to put them in better form for issuance in a U.S. patent.

No new matter has been added, and it is respectfully requested that the amendments to the claims be approved and entered.

**RE: INVENTORSHIP**

Due to the cancellation of claims 1, 2, and 11-35, only the invention of Mr. Kazunori YAMAMOTO is now being claimed, as set forth the Amendment of Inventorship filed concurrently herewith.

THE PRIOR ART REJECTION

Claims 3 and 4 were rejected under 35 USC 103 as being obvious in view of the combination of JP 2001-197856 ("Kamatani et al")<sup>1</sup> and JP 2003-9746 ("Honma et al"); and claims 5-10, 36, and 37 were rejected under 35 USC 103 as being obvious in view of the combination of Kamatani et al, Honma et al, and US 2003/0160062 ("Inoue et al"). These rejections, however, are respectfully traversed with respect to the claims as amended hereinabove.

According to the present invention as recited in amended independent claim 3, a blower type insect pest control apparatus is provided which includes an apparatus casing body having an air inlet port and a first and a second air discharge port, a chemical receptacle, and a fan and a motor in the apparatus casing body. As recited in independent claim 3, the chemical receptacle retains a chemical impregnated body impregnated with an insect pest control component, whereby rotating the fan by the motor draws air through the air inlet port and strikes the drawn air on the chemical impregnated body in the chemical receptacle, thereby causing the air to entrain the insect pest control component therein from the chemical impregnated body and to emanate and diffuse into an environmental atmosphere.

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<sup>1</sup> Referred to by the Examiner as "Kamitani et al" in the Office Action.

In addition, as recited in amended independent claim 3, the first and second air discharge ports each comprise a hole having a radial length and inclined to a circumferential direction in which said fan rotates whereby when the apparatus is used with the apparatus casing body worn on a user, air is discharged upwards through said first air discharge port and downwards through said second air discharge port.

Still further, as recited in amended independent claim 3, an inner inlet of each of the first and second air discharge ports opposed to the fan communicates with a corresponding outer outlet of each of the first and second air discharge ports which opens to an outer face of the apparatus casing body, and the hole of each of the first and second air discharge ports has an upstream side guide face connecting an upstream side inlet hole edge of the inner inlet and an upstream side outlet hole edge of the outer outlet continuously to each other and a downstream side guide face connecting a downstream side inlet hole edge of the inner inlet and a downstream side outlet hole edge of the outer outlet continuously to each other, wherein the upstream side and downstream side guide faces each are inclined to a circumferential direction in which the fan rotates, and wherein the upstream side guide face is arcuate.

It is respectfully submitted that none of Kamatani et al, Honma et al, and Inoue et al disclose or suggest the above-

described features of the present invention as recited in amended independent claim 3.

With the structure of the present invention as recited in amended independent claim 3, since the air discharge port comprises a hole having a radial length and is inclined to a circumferential direction in which the fan rotates, the rotation of the fan causes air to issue forcibly through the first and second air discharge ports. And significantly, with the structure of the present invention as recited in amended independent claim 3, since the upstream side guide face (112) of the discharge ports (106 and 107) is arcuate, less turbulent airflow is produced therethrough and a smooth supply of air through the ports can be achieved. See Fig. 8 and paragraph [0289] of the publication of the present application.

Thus, when the apparatus of the claimed present invention is used with the casing body attached to the waist of a user, air containing an insect pest control component is issued forcibly and efficiently towards both the head and feet of the user. And with the structure of the claimed present invention, since the insect pest control component can reach the head and feet of the user quickly, it is possible to protect the user from harmful insects immediately at the time of using the apparatus.

The Examiner recognizes on page 2 of the Office Action that Kamatani et al fails to teach the feature of the present

invention whereby upstream side and downstream side guide faces of the first and second air discharge ports are each inclined to a circumferential direction in which said fan rotates. For this reason, the Examiner has relied on Honma et al to supply the teaching missing from Kamatani et al.

It is respectfully pointed out, however, that Kamatani et al, Honma et al, and Inoue et al all fail to disclose or suggest a structure whereby the upstream guide face of the discharge port is arcuate, as recited in amended independent claim 3. Accordingly, it is respectfully submitted that even if Kamatani et al, Honma et al, and Inoue et al were combinable in the manner suggested by the Examiner, any such combination still would fail to achieve or render obvious the above-described structural features and advantageous effects of the claimed present invention.

In view of the foregoing, it is respectfully submitted that amended independent claim 3, and claims 5-10, 36, and 37 depending therefrom, clearly patentably distinguish over Kamatani et al, Honma et al, and Inoue et al, taken singly or in any combination consistent with the respective fair teachings thereof, under 35 USC 103.

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Entry of this Amendment, allowance of the claims and the passing of this application to issue are respectfully solicited.

Application Serial No. 10/583,616  
Response to Office Action

Customer No. 01933

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,

/Douglas Holtz/

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